

Product datasheet for RN209663

S100pbp (NM_001134628) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	S100pbp (NM_001134628) Rat Untagged Clone
Tag:	Tag Free
Symbol:	S100pbp
Synonyms:	RGD1564943
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209663 representing NM_001134628 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACGTGCTCACTATTACCTCTGAACAGTCTTCTGGTACCTCTTTCTGCCTAAAGACAATGCCTCAT
TTTCTTGGGTTCTCGGATGAAGATGAGTTGGATGACTCCTTGTGGAGTTTCTGACGGAGAAGAAGA
TGATGGCCATTTTCAGTTTCACAGAAGAAGAGATTGAGATGCTCTTGAAGGACGATGATGGTGGGCATAAT
GAGTATAGAGCGAGAAAGAGTCAAATTCACCCATACTCCTCAAGAAAATTCCTTTGTACAGCTTGGGAC
CAGCAGCTGAAACCCCTGGCTTCCCTCAAACCTCAACTAAGTCCATCAGTTGGTCATGGGCCAACTCC
TAGTAAATCATTAAACAGACACTTTGTACTTGAAGAAGTCTTATAAAAAGTAACTGTTGTTGCACCATTT
AATCCAACAGTTTGTGATCCTGTGCTTGATAAAGACAAGATCGATTCTCCAAAGAAACGGAAAAACCTG
CCTCCCTTCAGGAACAGACGAGAGAAGACGATCTTCATCCTAATGAGAGTAAACGTTGCACTGAACCTGA
AGGGGTCACTCCAATAACTCTGCTTGGGATGGGCCCTGCTTTCTTCTCCTTCAAATAAACATCGAA
CAAACCTGCCTCAGATAAAAAATACCTGAAAGTAAAGAACTACCCCTGTGTTCTCTCAGATCTCCAACC
ATTCAGAAGTACCCAACAGGAAAAATAGTGGATCACAAAATCAGTTGTGAAGTGAAGTCCAGTTGT
GTCCAGTTCATCAAACAGACATGCCTTTGACAAGGATTCTGGGGAGCGAAAGGTGAGAGAAGACTAGGC
AAAGTCATCCCTGTGCTACAAACCAGGACTAGGATGTTTTCAACAATCAGATCTAGAAAAACAGAAGGACA
TTTATCTCAGCAAAGTCATTGCTCATATAGAAGACCCAGGGGACTCTAACCAAGGTGCCTTGGGAGAGCT
CGATGCTCTGATGGATCAAGTTTCATATGCAGAACCAGACTGGCAGCATCCTTCAGATCTTACCACCGA
AATTATGCCCGGTTCCGACAGCGACCTCTGCAGAGATACAGTCTGAGTCAAGTGGGTTGACAGAAACAAGC
GGAGCCACCACCGTTCCAGCGCCTCCAGACTTCTCATACAGTCCCTATGTTTCACCCCATCCACAGTG
A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001134628
Insert Size:	1191 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001134628.1</u> , <u>NP_001128100.1</u>
RefSeq Size:	2954 bp
RefSeq ORF:	1191 bp
Locus ID:	500551
Cytogenetics:	5q36